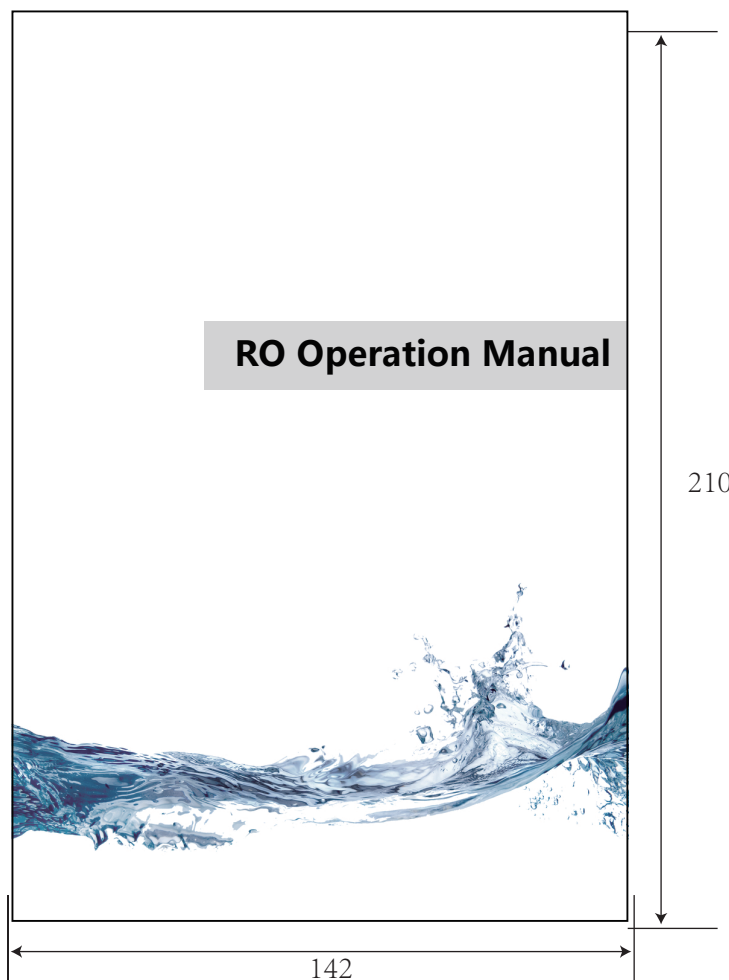
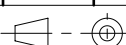


**技术要求:**

- 1、说明书单色印刷，80g双胶纸，边框无需印刷；
- 2、说明书尺寸142mmX210mm，骑马钉装订；
- 3、说明书应整洁，无明显条痕、糊版、脏版、缺笔断划等现象；
- 4、说明书字体清晰、实地均匀、色彩真实、文字大小、字样按电子档；
- 5、尺寸公差为 ± 3

					80g双胶纸					開能. Canature		开能健康科技集团 股份有限公司					
标 记	处 数	更改文件号		签 字	日 期	阶 段 标 记			单 耗	比 例	铁架RO机-英文-中性-说明书-A5						
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RO Operation Manual



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Before Use

1.1 Caution

★ In order to safely use and operate this product, please take the following pre-cautions



Fault

If water leaks, turn supply off quickly.



Maintenance

Please do not remove any parts, to prevent water leakage and damage to the Ro System.



Avoid touch by children

Do not let children operate



Temperature

The system should be installed in dry location between 5 to 38 °C.



Freeze

Do not store or expose the product in the environment under 0 °C.



Accessories

Please replace accessories or spare parts from original manufacturer, to ensure the proper operation of the system.



Emergency Call

Please call the local service centre for help.



Correct maintenance services

Maintenance must be performed by professional technician.



Ayoid direct sunlight

Do not install the system under the direct sunlight.

1.2 Packing List

Main body	RO System(1pc)
Accessories	nstruction manual(1pc),Metal manifold(1pc), 1/2" Ball valve(1pc),Multi-purpose wrench(2pc), 1/4" PE tube(5meters),Screws and expansion pipe(5sets), Long Reach Faucet(1pc),Pressure tank(1pc), Ball valve&O-ring for pressure tank(1set), PP cartridge(2pcs),CTO cartridge(1pc),10" housing(3pcs).

Product Introduction

2.1 Model and main parameters

RO75-C Series

Product name	RO System
Model	RO75-C 、RO75-CUV
Rated Voltage	220V-50Hz
Rated Power	24W
Working Pressure	0.1~0.4MPa
Temperature	5~38 °C
Capacity	11.7L/h
Service Life	3000L
Inlet Water	Municipal Water

RO100–C Series

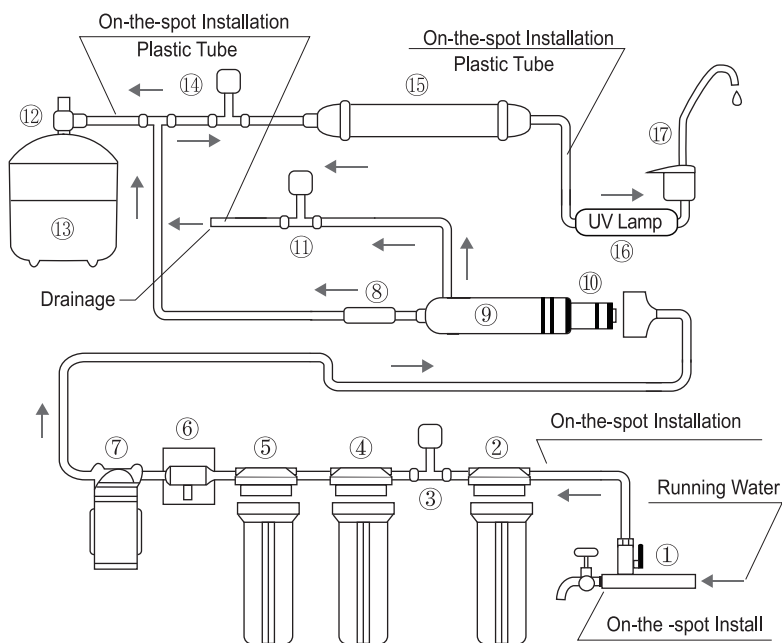
Product name	RO System
Model	RO100-C 、RO100-CUV
Rated Voltage	220V-50Hz
Rated Power	28W
Working Pressure	0.1-0.4MPa
Temperature	5~38 °C
Capacity	15.6L/h
Service Life	4000L
Inlet Water	Municipal Water

RO400–C Series

Product name	RO System
Model	RO400-C 、RO400-CUV
Rated Voltage	220V-50Hz
Rated Power	60W
Working Pressure	0.1-0.4MPa
Temperature	5-38 °C
Capacity	62.4L/h
Service Life	8000L
Inlet Water	Municipal Water

2.2 Works

Normal chart of RO process



- | | | |
|-------------------|------------------------------|-------------------------|
| 1. T-VALVE | 2. PP Filter | 3. Low Pressure Valve |
| 4. CTO | 5. PP Filter | 6. Inlet-Solenoid Valve |
| 7. Boost Pump | 8. Check Valve | 9. RO Cartridge |
| 10. RO Membrane | 11. Automatic Solenoid Valve | 12. Ball Valve for Tank |
| 13. Pressure Tank | 14. High Pressure Valve | 15. T33t |
| 16. UV lamp | 17. Faucet | |

* The products of models RO75-C, RO100-C and RO400-C do not include UV lamps.

2.3 Features

- 1) Attractive design, compact installation.
- 2) Complete-treatment for municipal water, supply healthy drinking water
- 3) Food grade material used for the wetted parts, safe and reliable.
- 4) Automatic control system, ensures normal working conditions.

2.4 Function

The RO System treats the municipal water with 5-stages, effectively removing chlorine, heavy metals, pesticides, organics, bacteria etc. Ensures safe drinking water.

Function of each stage

1st stage

Pre-Filter PP cartridge (5µm) filters silt, suspended solids, colloids, and impurities.

2nd stage

Pre-Filter Carbon Cartridge removes chlorine, taste, odor, color, heavy metals, and organics.

3rd stage

PP cartridge protects and extends the service life of RO membrane.

4th stage

RO membrane (0.0001µm degree) removes bacteria, viruses, organics, colloids, pesticides, radioactive particles, microbes, algae, heavy metals and dissolved minerals.

5th stage

Post-Filter Carbon Cartridge polishes final product water.

6th stage

UV Sterilization Remove any bacteria, virus, or organisms present in water,

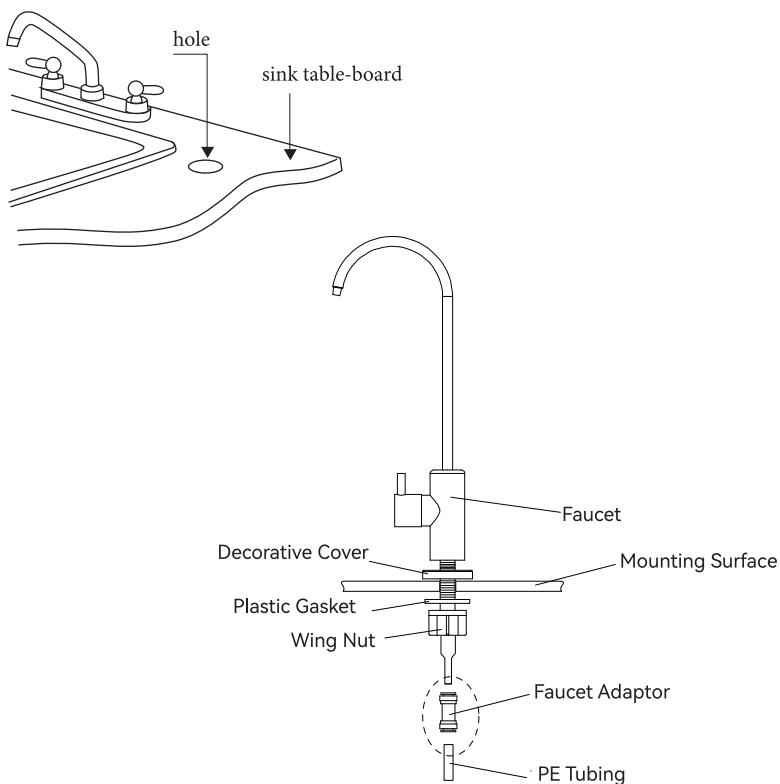
* The products of models RO75-C, RO100-C and RO400-C do not include UV lamps.

Installation and Use

3.1 Installation Guide

1. Drilling the hole for the faucet

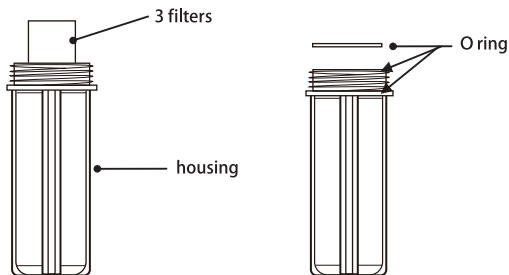
Find a suitable place at kitchen upper sink area ,drill a 12mm hole ,and put the faucet in the hole like the picture shows.



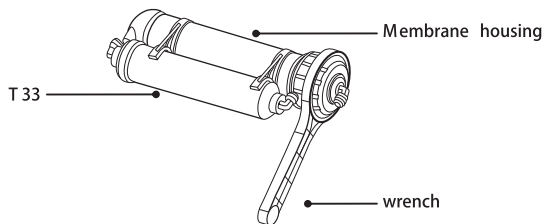
2. Install the filters and membrane

(1) Use wrench of housing to open clockwise the 3 housings, put the filters (PP,CTO,PP)

by turn (remove the wrapper of the filters), put the O ring at right place, screw the housing tightly.



(2)Use wrench of membrane housing to open the membrane housing, to put the membranein (remove the wrapper), screw tightly.



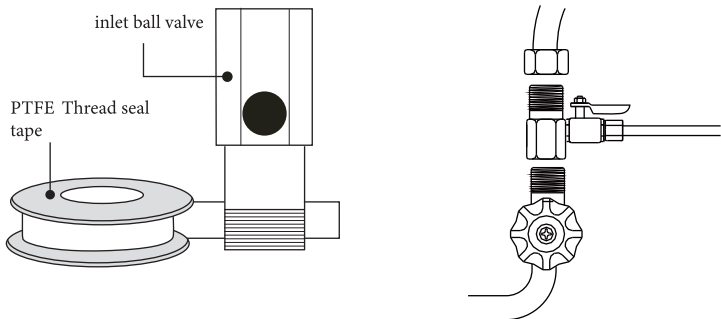
(3) Put the RO under sink ,below under the place of faucet.

3.Tapping into municipal water line

Caution: The water supply to your unit MUST be from the MUNICIPAL WATER LINE. (5 -38'C)Hot water will seriously damage your R.O. System.

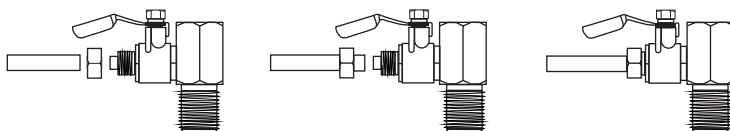
(1) Turn off the tap water inlet valve to cut down the water supply, turn on the cold water faucet to release the water pressure.

(2) Winding the sealing tap to the inlet ball valve , screw to the tap water pipe to connect with water supplier .Wind the T-valvethread with seal tape, screw with the side hole of inlet water valve .



(3) Measure the length between T-valve and the inlet water of RO machine (first stage which put PP) . cut the PE pipe a little longer as the length , connect the PE pipe between them,Please see pictures below.

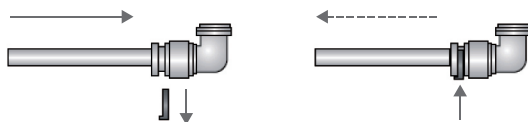
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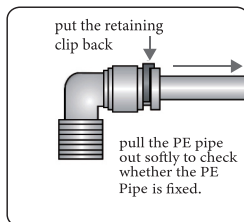
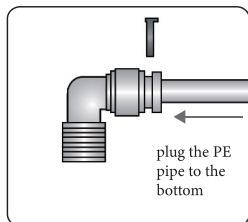
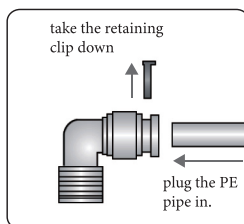
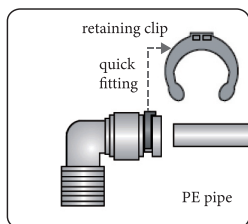
Connection method of PE pipe and quick fitting:

Step ①: take the retaining clip down, plug the PE pipe in.

Step ②: Put the retaining clip back, check whether the PE pipe is fixed.



Install quick fitting



Notice: retaining clip must be put back after connection to avoid water leakage.

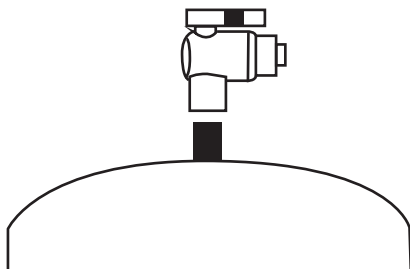
4. Mounting the tank ball valve

(Non-standard components)

Note: Do not tamper with the air valve on the storage tank, it has been preset and screwed on with bluecap by the manufacturer.

(1) Wrap the threads on the top of the water storage tank 3 circle with sealing tape.

(2) Connect the tank ball valve assembly to the top of the water storage tank.



(3) Connect the tube between 5th stage and water storage tank.

Unit start up

1. Close the tank ball valve, turn on water supply valve and the T-valve.

2. Open R.O. Faucet .3. Check the whole system for leaks, tighten as necessary.

4. About 5 minutes later, the water starts dripping out of the RO faucet, let it flow for about 10 minutes.

5. Turn on the tank ball valve. it will take about 1.5 hours to fill full the storage tank. DO NOT DRINK THE WATER FROM THE FIRST TANK PRODUCED BY YOUR NEWLY PURCHASED SYSTEM.

6. After the tank is full (you will hear the pump is stop), turn on the RO faucet to let the all the water out completely.

7. Turn off the faucet, and let the refilling process begin.

8. After the second tank is filled. You can now enjoy the purified water.

9. Check for leaks daily for the first week and periodically afterwards.

10. You may notice milky colored for the first week. it is the air bubble in the water. It is normal and safe.

3.2Repair and Maintenance

PP cartridge	CTO Cartridge	RO membrane	Post-Filter Carbon Cartridge	UV lamp
3-6 months	6-12 months	12-24 months	3-6 months	12 months

* The products of models RO75-C, RO100-C and RO400-C do not include UV lamps.

Above change schedule is for reference only. The frequency must be adapted the local municipal water quality and the water consumption, to ensure the normal working of the system and the quality of purified water.

1)If the municipal water supply contains a lot of sediment, please pay attention to the 1st stage(PP cartridge), and change it more frequently.

2)Once the TDS increased, please check whether the Post-Filter Carbon Cartridge should be change, and check whether the RO membrane was damaged.

3) If the taste of purified water is not good, or the Post-Filter Carbon Cartridge used for six month, please change it, to avoid the Bacteria growth.

4)The steps to change the cartridge(PP cartridge and Post-Filter Carbon Cartridge)

a. Loosen the cartridge housing by attached Multi-purpose wrench, change the cartridges,then screw the housing with their cover tightly by wrench again.

b.Change the RO membrane and Post-Filter Carbon Cartridge:

RO membrane: take off the blue clip of the membrane housing, pull out the PE pipe, take off the membrane housing from its fixed bracket, then open it with Multi-purpose wrench and change the RO membrane.

Post-Filter Carbon Cartridge: take off the Post-Filter Carbon Cartridge from the connection by professional tools, then change it.

3.3 Troubleshooting

Appearance	Possibility	Solution
Bad / Abnormal Taste	Dirty tank	Flush the tank
	Stagnant water from low water usage	Discharge the stored water, and clean the pressure tank
	Post cartridge exhausted	Change the cartridge
Reduction of purified water	inlet valve closed	Open the inlet valve
	Water temperature decreased	Wait to warm up
Alarm	High TDS data	Check the municipal water quality
	Need to change the cartridge(s)	Change the cartridge(s)

